M. A. R. 57 (Rule 116)
Measurement Book

No. B

83701

No. ..... First & Final Bill recorded"

of work ..... From ..... To .....

of Contractor of nature of Agency..... DR583/28-12-13 013-12-000063

Date of commencement of work..... SC493795034475604456

Date	Full description, etc, of work	Number	Dimensions			Contents	Reference to last Measurement
			Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Name of work:- Construction of Compound wall, Staircase & other work to ward office in ward No. 13. Shettyhalli sub division						
	Job code No:- 013-12-000063 pcode 24134						
	Work order no:- EE/DD/WO/303/2012-13 dt 17/01/2013						
	Admn San. No:- JC/DZ/AA/322/2012-13 dt 05/09/2012						
	Tech. San no:- EE/DD/TS/134/2012-13 dt 25/09/2012						
	Name of Agency:- B. Umesh. civil Contractor						

28-12-13

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
1)	Earth work excavation for foundn & bldgs. w/s S/L and E/c eigther in pits or in trenches 1.50m and above in width in ordinary soil not exceeding 1.5m in depth including dressing the bottom and sides of pits and trenches stacking the excavated soil clear from edges of excavation with lead upto 50m Qty vide P.M.R in this MB, Page no. 83771-72 i.e Qty is i.e @ Rs. 149.00 per cum	-	-	-	-	243.16 cum	Rs. 36231=00

M. A. R. 57 (Rule 116)
Measurement Book

No. B 83702

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
2)	Providing & billing sand in foundation upto depth for sub soil treatment including watering ramming with lead upto 50m and lift upto 1.50m complete as per Specn Qty vide P.M.R in this M.B, Page no. 83773/1 i.e Qty is i.e @ Rs. 1343=00 per cum	-	-	-	-	20.76 cum	Plinth to reqd Rs. 27881=00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
10)	Dismantling WPC and removing & conveying the debries to a distance upto 200m etc... complete						
	Qty vide P.M.R in this M.B Page no 83776/1					4.83 Cum	
	ie Qty is - - - - - -						
	ie @ Rate @ Rs 369/- per Cum						Rs. 1782=00
11)	Providing Constructing BBM with approved quality & modular bricks & standard size & Class designation 50 with cm 1:6 for basement and Superstructure						

M. A. R. 57 (Rule 116)
Measurement Book

No. B

83703

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	including Cost & materials						
1st floor Hall.	Longwalls	2	7.15	0.23	2.55	8.38	
	Shortwalls	2	4.34	0.23	2.55	5.09	
	Parapet wall	2	7.15	0.23	0.50	1.64	
		2	4.34	0.23	0.150	0.99	
						16.10 Cum	
	Deductions:-						
	Door	1	1.05	0.23	2.10	0.50	

Copy of E.E(D)

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Windows	3	1.20	0.23	1.20	0.99	
	Columns	6	0.46	0.23	2.85	1.80	
						3.29 Cum	
	Net Qty of BBM =	16.10 − 3.29 =	−	−	−	12.81 Cum	
	Qty limited to	−	−	−	−	12.74 Cum	
		@ Rate of Rs. 5513=00 per cum				Rs. 70,236=00	
12)	Providing & laying in Position RCC of design mix M_{20} with OPC Cement @ 380 Kgs with 20mm & down size graded granite metal coarse agg. @ 0.69 cum & fine agg						

M. A. R. 57 (Rule 116)
Measurement Book

No. B

83709

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	@ 0.46 Cum with Super Plasticiser @ 3 lbs/cft confirming to IS 9103-1999 m/c mixed course laid in layers 15cm thick						
	Staircase Landing	1	1.30	0.96	0.45	0.52	
	Weist Slab	2	6.05	1.30	0.15	2.35	
	Steps	$21 \times \frac{1}{2}$	1.20	0.30	0.18	0.68	
	Stair column footing	$1 \times \frac{1.00+0.45}{2} \times \frac{1.00+0.45}{2} \times 1.05 = 0.55$					
	Stair Column	1	0.35	0.30	2.00	0.31	

c/fe @

E.E.(D.D.)
21/12

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Stair beam	1 -	0.35	0.30	2.50	0.26	
	Cul. e ward o/e	1 -	3.70	2.30	0.23	1.95	
	Cul. e p. nagar	1 -	4.70	2.70	0.145	5.71	
	Gate Pillers body	2 -	0.75	0.75	1.05	1.18	
	Gate Pillers	2 -	0.375	0.375	2.00	0.56	
	Columns	6 -	0.23	0.46	3.90	2.47	
	Beams l.s	2 -	7.15	0.23	0.30	0.98	
	—"— s.s	2 -	4.34	0.23	0.30	0.59	
	lintel beam l.s	2 -	7.15	0.23	0.15	0.49	
	s.s	2 -	4.34	0.23	0.15	0.29	

C&AC
E.E. O.D
26/12

M. A. R. 57 (Rule 116)
Measurement Book

No. B

83710

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Roof slab	1 -	7.15	4.80	0.15	5.14	
						24.01 Cum	
	Qty limited to	- -	- -	- -	- -	22.02 Cum	
	Rate @ Rs. 5413/ Per Cum						Rs. 1,19,194=00
13)	Providing TMT steel reft for RCC work inclu. string, cutting, bending, hooking Placing in Position lapping and / welding wherever reqd.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	58) Supplying and fixing 6 backlite DP/ Socket / Switch with / without neon indicator over existing wood board or flush mounting in plastic plates / switches (6/13) using Group 'A' – material a) Electronic Stepped Regulator						
	Qty reqd	1 No	–	–	–	1 No	
	i/c Rate @ Rs.336/- each						Rs.336=00

M. A. R. 57 (Rule 116)

Measurement Book

No. B 83733

2088227=00
1936866=00

Audited and admitted Rs. .....
Passed by Chief Engr. for Rs. .....
Accounts Superintendent
B.B.M.P. Division

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency .....

Date of commencement of work 151361=00

Executive Engineer
Engineer
Engineer

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
	2	3	4	5	6	7	8
	59) Supplying & fixing 6 PVC telephone fuse Channel with cutout on existing wooden / panel using necessary nuts bolts and washers etc complete						
	Qty reqd	1 No	–	–	–	1 No	
	i/c Rate @ Rs.105/- each						Rs.105=00
	1) The quality of work is good & correct.					Total	Rs.20,97,943=00
	2) The measurements recorded (Qty) is Correct.						20,88,227=00

Certificate

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಶಬ್ದಹಳ್ಳ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

24-12-13